

Appendix table 4-28.

R&D associated primarily with chemistry (nonmedical) and chemical engineering: 1985–98

(Millions of constant 1996 dollars)

Year	Total	Federal obligations for research in chemistry and chemical engineering	Academic R&D (not federally funded) in chemistry and chemical engineering	Company-funded R&D in industrial chemicals and other chemicals (but not drugs and medicines)
1985	8,020	1,229	237	6,553
1986	8,121	1,202	271	6,649
1987	8,366	1,176	294	6,896
1988	8,899	1,187	322	7,391
1989	9,210	1,134	353	7,723
1990	9,958	1,197	379	8,382
1991	10,030	1,280	394	8,356
1992	9,459	1,271	395	7,793
1993	9,557	1,164	391	8,002
1994	8,767	1,158	387	7,222
1995	8,791	1,128	390	7,273
1996	9,248	1,092	405	7,751
1997	7,522	1,043	425	6,054
1998	10,271	980	444	8,847

SOURCES: Based on data from National Science Foundation, Division of Science Resources Studies (NSF/SRS), *Research and Development in Industry: 1999*, Early Release Tables (Arlington, VA, 2001); NSF/SRS, *Federal Funds for Research and Development: Fiscal Years 1999, 2000, and 2001*, Detailed Statistical Tables, NSF 01-328 (Arlington, VA, June 2001); and NSF/SRS, *Academic Research and Development Expenditures: Fiscal Year 1998*, Detailed Statistical Tables, NSF 00-330 (Arlington, VA, 2000).

Science and Engineering Indicators – 2002